

Title (en)
FUEL CELL VEHICLE

Title (de)
BRENNSTOFFZELLENFAHRZEUG

Title (fr)
VÉHICULE À PILE À COMBUSTIBLE

Publication
EP 2441613 B1 20140115 (EN)

Application
EP 09845787 A 20090609

Priority
JP 2009060493 W 20090609

Abstract (en)
[origin: EP2441613A1] This fuel cell vehicle FCV is provided with a fuel cell FC as well as a first tank 10 and a second tank 20, which store a reaction gas to be supplied to the fuel cell FC. The first tank 10 and the second tank 20 are arranged in the front area of the fuel cell vehicle FCV. The second tank 20 is arranged nearer to a rear area than the first tank 10 and arrangement is performed so that the positions of the tanks are out of alignment in a vertical direction. This configuration enables compatibility to be ensured between an increase in the tank capacity of the fuel cell vehicle and an increase in the space in a passenger room and a trunk, and is capable of absorbing the impact of a collision even if the collision occurs.

IPC 8 full level
B60K 15/03 (2006.01); **B60K 1/04** (2006.01); **B60K 7/00** (2006.01); **B60K 8/00** (2006.01); **B60K 15/063** (2006.01); **B60K 15/067** (2006.01); **B60K 15/07** (2006.01); **B60L 11/18** (2006.01); **B62D 25/08** (2006.01); **H01M 8/00** (2006.01); **H01M 8/04** (2006.01); **H01M 8/06** (2006.01); **H01M 16/00** (2006.01)

CPC (source: EP US)
B60K 1/04 (2013.01 - EP US); **B60K 15/07** (2013.01 - EP US); **B60L 58/30** (2019.01 - EP US); **B60L 58/33** (2019.01 - EP US); **H01M 8/04201** (2013.01 - EP US); **H01M 16/006** (2013.01 - EP US); **B60K 7/0007** (2013.01 - EP US); **B60K 2001/0438** (2013.01 - EP US); **B60K 2015/03315** (2013.01 - EP US); **B60K 2015/0637** (2013.01 - EP US); **B60K 2015/0675** (2013.01 - EP US); **B60L 50/72** (2019.01 - EP US); **B60L 2240/12** (2013.01 - EP US); **B60Y 2306/01** (2013.01 - EP US); **B60Y 2400/61** (2013.01 - EP US); **H01M 2250/20** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP); **Y02T 90/40** (2013.01 - EP US)

Cited by
EP2848445A4; EP3369600A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2441613 A1 20120418; **EP 2441613 A4 20130109**; **EP 2441613 B1 20140115**; **EP 2441613 B8 20140305**; CN 102458897 A 20120516; CN 102458897 B 20130612; JP 5093404 B2 20121212; JP WO2010143262 A1 20121122; US 2012080251 A1 20120405; US 8607909 B2 20131217; WO 2010143262 A1 20101216

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